

# CHEETAH C32F-RNL

## Digital Night Vision Monocular



HIKMICRO Cheetah C32F-RNL Digital Night Vision Monocular, which can be easily transformed into a scope, performs well under any lighting condition. Its advanced 2560 × 1440 HD sensor and 1920 × 1080 OLED display are capable of capturing every object in great detail and with rich clarity. Featuring a specific optical component, it can detect more IR information in fog.

### Key Features

- 2560 × 1440 high-definition sensor
- 1920 × 1080 resolution 0.49" OLED display
- Supports Day/Night/Auto/Defog mode
- Built-in adjustable IR emitter
- Supports audio recording and recoil-activation recording
- Support video recording and snapshot, built-in eMMC (64 GB)
- Detection range up to 350 m
- Built-in laser rangefinder, accurate measurement of distance
- Replaceable and rechargeable battery

## Specification

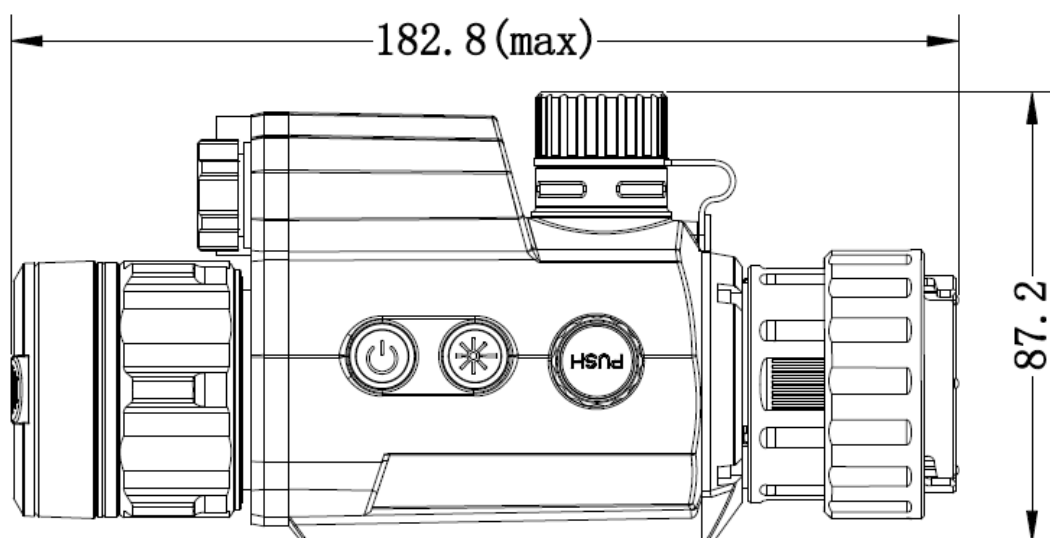
MAIN	
MAX. RESOLUTION	2560 × 1440
LENS (FOCAL LENGTH)	32 mm
FIELD OF VIEW	9.9° × 7.5°
MIN. FOCUSING DISTANCE	3 m
FRAME RATE	25 Hz
APERTURE	F1.2
MAGNIFICATION	1×
DETECTION RANGE	350 m (with IR 940 nm ON)
IMAGE DISPLAY	
DISPLAY	1920 × 1080 resolution 0.49" OLED
IMAGE MODE	Day, Night, Auto, Defog
EXIT PUPIL	22 mm
EYE RELIEF	10 mm
DIOPTER (RANGE)	NA
SYSTEM	
DIGITAL ZOOM	1×
CAPTURE SNAPSHOT	Yes
STANDBY MODE	Yes
RECOIL-ACTIVATION RECORDING	Yes
RETICLE	NO
RECORD VIDEO RESOLUTION	Yes
FREEZE ZEROING	NO
STORAGE	Built-in EMMC (64 GB)
PIP	NO
AUDIO RECORDING	Yes
MAX. RECOIL	750 g
HOTSPOT	Yes
POWER SUPPLY	
BATTERY TYPE	One Rechargeable Li-ion battery
BATTERY OPERATING TIME	5.5 hours continuous running (@ 25°C, Hotspot, IR Emitter, Laser Rangefinder OFF)
OVERVOLTAGE PROTECTION	Yes

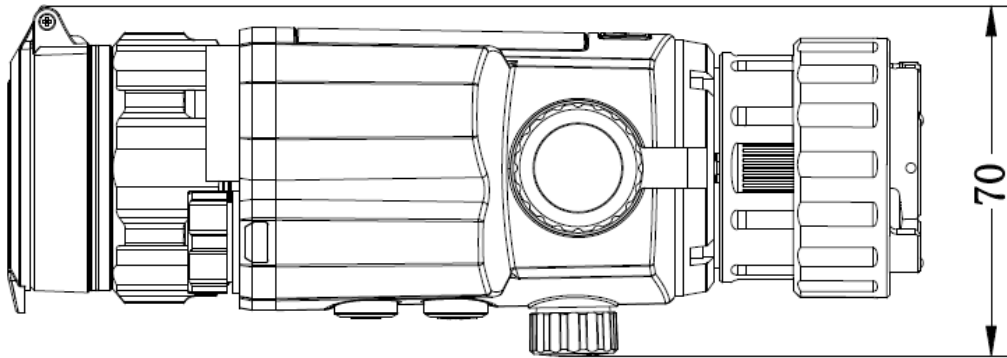
TYPE-C POWER SUPPLY	5 VDC/2 A, USB Type-C interface Supports external power supply
<b>GENERAL</b>	
WORKING TEMPERATURE	-30°C to 55°C (-22°F to 131°F)
DIMENSION	182.8 mm × 70 mm × 87.2 mm (7.2" × 2.76" × 3.43")
WEIGHT	≤ 477 g without eyepiece and batteries
PROTECTION LEVEL	IP67
<b>LASER RANGEFINDER</b>	
SAFETY CLASS FOR LASER	Class 1
WAVE LENGTH	905 nm
MAX. MEASURING RANGE	1000 m
MEASUREMENT ACCURACY	± 4‰
MIN. MEASURING RANGE	10 m

## Available Model

**HM-TR2E-32Q/W-C32F-RNL**

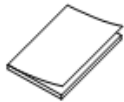
## Dimension





Unit: mm [inch]

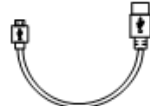
## Accessories



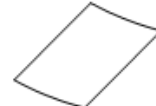
Quick Start Guide (x1)



Battery (x2)



Type-C Cable (x1)



Dust-free Cloth (x1)



Bag (x1)



Battery Charger

## Optional Accessories



Adapter (x1)



Insert Ring (x5)



Eyepiece(x1)



This section promotes the HIKMICRO SIGHT mobile application. On the left is the app's icon, which consists of a black square with a white stylized 'H' and a green square. Next to it is a smartphone displaying the app's interface. To the right are two QR codes: the first is for the App Store, with the text "Download on the App Store" above it, and the second is for Google Play, with the text "GET IT ON Google Play" above it. Below the app icon and smartphone is the text "HIKMICRO SIGHT".

Three green shield-shaped icons arranged horizontally, each representing a different warranty period. The first shield contains the text "BATTERY" at the top, a large "1" in the center, and "YEAR" at the bottom. The second shield contains "FULL PRODUCT" at the top, a large "3" in the center, and "YEARS" at the bottom. The third shield contains "DETECTOR" at the top, a large "10" in the center, and "YEARS" at the bottom.

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